

Attorney Docket: 01145
U.S. Application No.: 09/895,989 Examiner: Vaughn Art Unit: 2178
Response to December 31, 2007 Office Action

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AMENDMENT TO THE CLAIMS

1. (Currently Amended) A method for presenting structured digital content items, comprising:

a) reading a first file to obtain one or more categories associated with a present layer, wherein the first file defines a hierarchical structure for presenting digital content items, the hierarchical structure defining a plurality of layers into which digital content items are classified;

b) dividing a display area into regions and mapping the one or more categories associated with the present layer to areas on the [[a]] display, such that each category maps to a unique, particular region in the display;

c) receiving an x-coordinate and a y-coordinate corresponding to a location on the display a first display location from a user, the x-coordinate and the y-coordinate defined first display location being specified by a pointing device, the x-coordinate and the y-coordinate representing a first display location;

d) displaying a the category that maps mapped to the first display location x-coordinate and the y-coordinate;

e) determining whether the user has selected the first display location;

f) if the user has selected the first display location, then determining whether the category mapped to the x-coordinate and the y-coordinate selected first display location is associated with a next-lower layer;

g) if the category mapped to the selected first display location is associated with the [[a]] next-lower layer, then making the next-lower layer the present layer, and repeating steps a) through g);

h) if the category mapped to the selected first display location is not associated with the [[a]] next-lower layer, then reading one or more second files associated with the category mapped to the selected first display location to obtain one or more sets of one or more digital content items associated with the category mapped to the selected first display location in the present layer, wherein each of the second files

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associates each of one or more digital content items with the category at least one of the categories;

i) dividing the display area into new regions according to how many digital content items are associated with the category, such that the display area is divided into the new regions, with each content item mapping to particular new region, and mapping the obtained one or more sets of one or more digital content items to the new areas on the display;

j) displaying the one or more digital content items wherein the displayed items correspond only to a same layer within the hierarchical structure;

k) receiving a second display location from the user; and

l) displaying the one or more digital content items corresponding to the second display location;

m) storing a username associated with a user that selects a digital content item and a time of the selection; and

n) prioritizing the displaying of the one or more digital content items according to the username and the time.

2. (Original) The method of claim 1 wherein the first file comprises one of a document type definition file and an extensible markup language schema file.
3. (Original) The method of claim 1 wherein each second file comprises extensible markup language.
4. (Canceled)
5. (Canceled)
6. (Previously Presented) The method of claim 1 further comprising:

determining whether the user has selected the second display location; and

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if the user has selected the second display location, then storing an indication of selection of the selected one or more digital content items corresponding to the second display location.

7. (Previously Presented) The method of claim 6 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in a corresponding one of the one or more second files.
8. (Previously Presented) The method of claim 6 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in a third file.
9. (Previously Presented) The method of claim 6 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in the first file.
10. (Previously Presented) The method of claim 1 wherein receiving a first display location from a user comprises receiving a location identified by at least one of a mouse and a touch screen.
11. (Currently Amended) A computer-readable medium having instructions stored thereon presenting structured digital content items, the instructions, when executed on a processor, causing the processor to perform the following:
 - a) reading a first file to obtain one or more categories associated with a present layer, wherein the first file defines a hierarchical structure for presenting digital content items, the hierarchical structure defining a plurality of layers into which digital content items are classified;

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- b) dividing a display area into regions and mapping the one or more categories associated with the present layer to areas on the [[a]] display, such that each category maps to a unique, particular region in the display;
- c) receiving an x-coordinate and a y-coordinate corresponding to a location on the display a first display location from a user, the x-coordinate and the y-coordinate defined first display location being specified by a pointing device, the x-coordinate and the y-coordinate representing a first display location;
- d) displaying a the category that maps mapped to the first display location x-coordinate and the y-coordinate;
- e) determining whether the user has selected the first display location;
- f) if the user has selected the first display location, then determining whether the category mapped to the selected first display location is associated with a next-lower layer;
- g) if the category mapped to the selected first display location is associated with a next-lower layer, then making the next-lower layer the present layer, and repeating steps a) through g);
- h) if the category ~~mapped to the selected first display location~~ is not associated with the [[a]] next-lower layer, then reading one or more second files associated with the category ~~mapped to the selected first display location~~ to obtain one or more sets of one or more digital content items associated with the category ~~mapped to the selected first display location in the present layer~~, wherein each of the second files associates each of one or more digital content items with the category at least one of the categories;
- i) dividing the display area into new regions according to how many digital content items are associated with the category, such that the display area is divided into the new regions, with each content item mapping to particular new region, and mapping the obtained one or more sets of one or more digital content items to the new areas on the display;
- j) displaying the one or more digital content items wherein the displayed items correspond only to a same layer within the hierarchical structure;

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- k) receiving a second display location from the user; and
 - l) displaying the one or more digital content items corresponding to the second display location;
 - m) storing a username associated with a user that selects a digital content item and a time of the selection; and
 - n) prioritizing the displaying of the one or more digital content items according to the username and the time.
12. (Original) The computer-readable medium of claim 11 wherein the first file comprises one of a document type definition file and an extensible markup language schema file.
13. (Original) The computer-readable medium of claim 11 wherein each second file comprises extensible markup language.
14. (Canceled)
15. (Canceled)
16. (Previously Presented) The computer-readable medium of claim 11 wherein the instructions further cause the processor to perform the following:
- determining whether the user has selected the second display location; and
 - if the user has selected the second display location, then storing an indication of selection of the selected one or more digital content items corresponding to the second display location.
17. (Previously Presented) The computer-readable medium of claim 16 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in a corresponding one of the one or more second files.

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18. (Currently Amended) The computer-readable medium of claim 16 wherein storing an indication comprises storing ~~storing~~ an indication of selection of the selected one or more digital content items corresponding to the second display location in a third file.
19. (Previously Presented) The computer-readable medium of claim 16 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in the first file.
20. (Canceled)
21. (Currently Amended) A system for presenting structured digital content items, comprising:

a display device;

a processor in communication with the display device, the processor operable to execute instructions for performing the following:

a) reading a first file to obtain one or more categories associated with a present layer, wherein the first file defines a hierarchical structure for presenting digital content items, the hierarchical structure defining a plurality of layers into which digital content items are classified;

b) dividing a display area into regions and mapping the one or more categories associated with the present layer to areas on the [[a]] display, such that each category maps to a unique, particular region in the display;

c) receiving an x-coordinate and a y-coordinate corresponding to a location on the display a first display location from a user, the x-coordinate and the y-coordinate defined first display location being specified by a pointing device, the x-coordinate and the y-coordinate representing a first display location;

d) displaying a the category that maps mapped to the first display location x-coordinate and the y-coordinate;

e) determining whether the user has selected the first display location;

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f) if the user has selected the first display location, then determining whether the category mapped to the x-coordinate and the y-coordinate ~~selected first display location~~ is associated with a next-lower layer;

g) if the category ~~mapped to the selected first display location~~ is associated with the [[a]] next-lower layer, then making the next-lower layer the present layer, and repeating steps a) through g);

h) if the category ~~mapped to the selected first display location~~ is not associated with the [[a]] next-lower layer, then reading one or more second files associated with the category ~~mapped to the selected first display location~~ to obtain one or more sets of one or more digital content items associated with the category ~~mapped to the selected first display location in the present layer~~, wherein each of the second files associates each of one or more digital content items with the category at least one of the categories;

i) dividing the display area into new regions according to how many digital content items are associated with the category, such that the display area is divided into the new regions, with each content item mapping to particular new region, and mapping the obtained one or more sets of one or more digital content items to the new areas on the display;

j) displaying the one or more digital content items wherein the displayed items correspond only to a same layer within the hierarchical structure;

k) receiving a second display location from the user; and

l) displaying the one or more digital content items corresponding to the second display location;

m) storing a username associated with a user that selects a digital content item and a time of the selection; and

n) prioritizing the displaying of the one or more digital content items according to the username and the time.

22. (Canceled)

23. (Canceled)

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24. (Previously Presented) The system of claim 21 wherein the processor is further operable to execute instructions for performing the following:
- determining whether the user has selected the second display location; and
if the user has selected the second display location, then storing an indication of selection of the selected one or more digital content items corresponding to the second display location.
25. (Previously Presented) The system of claim 24 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in a corresponding one of the one or more second files.
26. (Previously Presented) The system of claim 24 wherein storing an indication comprises storing an indication of selection of the selected one or more digital content items corresponding to the second display location in a third file.
27. (Previously Presented) The system of claim 24 wherein storing an indication comprises an indication of selection of the selected one or more digital content items corresponding to the second display location in the first file.